## PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docke: Number

10/510884

| 1                                    |  | CLAIMS   | AS FILED  | - PART   | I                               |   |        | SMALL  | ENTITY   |                | OTHE   | R THAN                 |
|--------------------------------------|--|--|---|--|---------------------------------|---|--------|--|--|----------------|--|------------------------|
| _                                    |  | ·  | (Colun  | nn 1)  | (Co                             | lumn 2) .   | 3      | TYPE   |  | OF             |  | L ENTITY               |
| TOTAL CLAIMS                         |  |  |   |  |                                 |   |        | RATE   |  | 7              | RATE   | FEE                    |
| FOR .                                |  |  | NUMBE   | NUMBER FILED   |                                 | NUMBER EXTRA  |        | BASIC F  | EE 555   | FOR            | BASIC FE   | Ε .                    |
| TOTAL CHARGEABLE CLAIMS              |  |  | 11,   | // minus 20=   |                                 | •   |        | XS 9=  | 1  | ÖR             | XS16=  |                        |
| INDEPENDENT CLAIMS                   |  |  | 1   | / minus 3 =  |                                 | . —   |        | X43=   | 1  | 1              | X86=   |                        |
| MULTIPLE DEPENDENT CLAIM PI          |  |  | PRESENT   | RESENT   |                                 |   | ·      | 740-   | -  | OR             | X00=   | <del> </del>           |
| <u>ب</u>                             | (  |  |   |  |                                 | '   | -145=  |  | OR   | +290≈          |  |                        |
| * If the difference in column 1 is i |  |  | s less than a   |  |                                 |   | •      | TOTAL  | 555  | OR             | TOTAL  |                        |
|                                      | (  |  | AMENDE  | MENDED - PART II   |                                 |   |        | SMALL ENTITY   |  |                | _  | THAN                   |
|                                      | 11/-/-   | (Column 1)   | <del></del>   | (Colum   | _                               | (Column 3)  | 1 -    | SIVIALL  | <del></del>                                    | OR             | SMALL  | ENTITY                 |
| ENT A                                | 19400  | REMAINING<br>AFTER<br>AMENDMENT  |   | NUMB<br>PREVIO   | IER<br>USLY                     | PRESENT<br>EXTRA  |        | RATE   | ADDI-<br>TIONAL<br>FEE                         |                | RATE   | ADDI-<br>TIONAL<br>FEE |
| AMENDMENT A                          | Total  | .20  | Minus   | -20  | )                               | =   |        | XS 9=  |  | OR             | XS18=  |                        |
|                                      | Independent  | 1.2  | Minus   | 1-3  | )                               | =   |        | X43= ·   |  | OR             | X86=   |                        |
| _                                    | FIRST PRES   | ENTATION OF M  | ULTIPLE DE  | PENDENT  | CLAIM                           |   |        | +145=  |  |                | . +290≐  |                        |
|                                      |  |  |   |  |                                 | L   |        |  | OR   | _              |  |                        |
|                                      |  |  |   |  |                                 |   |        | TOTAL  | 1  | 1 _ ·          | TOTAL  | 2                      |
|                                      |  |  | •   |  | •                               |   | A      | DDIT. FEE  |  | OR,            | DOIT FEE   | L                      |
|                                      |  | (Column 1)   |   | (Columi  |                                 | (Column 3)  | A      |  |  | JOR ,          | DDIT. FEE  | <u> </u>               |
| 8                                    | <del> </del>   | CLAIMS   |   | HIGHE  | ST                              | ·   | A      |  |  | ]OR ,          | DOIT. FEE  | ADDI- :                |
| NT 8                                 | <u>.</u>   | CLAIMS<br>REMAINING<br>AFTER   | •   | HIGHE<br>NUMBE<br>PREVIOU  | ST<br>ER<br>JSLY                | (Column 3) PRESENT EXTRA  | _      |  | ADDI-<br>TIONAL                                | ]OR ,          | RATE   | ADDI-<br>TIONAL        |
|                                      | Total  | CLAIMS<br>REMAINING  | Mi  | HIGHE<br>NUMBE<br>PREVIOL<br>PAID FO   | ST<br>ER<br>JSLY                | PRESENT<br>EXTRA  |        | PATE   | ADDI-  |                | RATE   | ADDI-                  |
|                                      | Total  | CLAIMS<br>REMAINING<br>AFTER   | Minus   | HIĞHE:<br>NUMBE<br>PREVIOU<br>PAID FO  | ST<br>ER<br>JSLY                | PRESENT<br>EXTRA  |        | DDIT. FEE  | ADDI-<br>TIONAL                                | OR             | ADDIT. FEE   | ADDI-<br>TIONAL        |
| MENOMENT                             | Incependent  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT  | Minus   | HIĞHEI<br>NUMBE<br>PREVIOU<br>PAID FO  | ST<br>ER<br>JSLY<br>OR          | PRESENT<br>EXTRA  |        | PATE   | ADDI-<br>TIONAL                                |                | RATE   | ADDI-<br>TIONAL        |
| MENOMENT                             | Incependent  | CLAIMS<br>REMAINING<br>AFTER   | Minus   | HIĞHEI<br>NUMBE<br>PREVIOU<br>PAID FO  | ST<br>ER<br>JSLY<br>OR          | PRESENT<br>EXTRA  |        | PATE  XS 9=  | ADDI-<br>TIONAL                                | OR             | RATE  X\$18=   | ADDI-<br>TIONAL        |
| MENOMENT                             | Incependent  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT  | Minus   | HIĞHEI<br>NUMBE<br>PREVIOU<br>PAID FO  | ST<br>ER<br>JSLY<br>OR          | PRESENT<br>EXTRA  |        | PATE  XS 9=  X43= +145=  TOTAL   | ADDI-<br>TIONAL                                | OR<br>OR       | RATE  X\$18=  X86=  +290=  | ADDI-<br>TIONAL        |
| MENOMENT                             | Incependent  | CLAIMS REMAINING AFTER AMENDMENT  THE CONTROL OF ME  | Minus   | HIGHEI<br>NUMBE<br>PREVIOU<br>PAID FO  | ST<br>ER<br>JSLY<br>OR          | PRESENT EXTRA   |        | PATE  XS 9=  X43= +145=  | ADDI-<br>TIONAL                                | OR<br>OR       | RATE X\$18= X86= +290=   | ADDI-<br>TIONAL        |
| AMENOMENT                            | Incependent  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT  | Minus   | HIĞHEI<br>NUMBE<br>PREVIOU<br>PAID FO  | ST<br>ER<br>JSLY<br>OR<br>CLAIM | PRESENT<br>EXTRA  |        | PATE  XS 9=  X43= +145=  TOTAL   | ADDI-<br>TIONAL<br>FEE                         | OR<br>OR       | RATE  X\$18=  X86=  +290=  | ADDI-<br>TIONAL<br>FEE |
| AMENOMENT                            | Incependent  | CLAIMS REMAINING AFTER AMENDMENT  TO CLAIMS REMAINING AFTER  | Minus   | Column HIGHES NUMBE PREVIOU  (Column HIGHES NUMBE PREVIOU  | ST<br>ER<br>JSLY<br>OR<br>CLAIM | PRESENT EXTRA   |        | PATE  XS 9=  X43= +145=  TOTAL DIT. FEE                                    | ADDI-<br>TIONAL<br>FEE                         | OR<br>OR       | RATE  X\$18=  X86=  +290=  | ADDI-<br>TIONAL<br>FEE |
| AMENOMENT                            | Incependent  | CLAIMS REMAINING AFTER AMENDMENT  TO THE CONTROL OF ME  (Column 1) CLAIMS REMAINING  | Minus   | HIGHES NUMBE PREVIOL PAID FO   | ST<br>ER<br>JSLY<br>OR<br>CLAIM | PRESENT EXTRA  E  (Column 3).  PRESENT  |        | PATE  XS 9=  X43= +145=  TOTAL DIT. FEE                                    | ADDI-<br>TIONAL<br>FEE                         | OR<br>OR       | RATE  X\$18=  X86=  +290=  TOTAL ODIT. FEE                                       | ADDI-<br>TIONAL<br>FEE |
| AMENOMENT                            | Incependent FIRST PRESE  | CLAIMS REMAINING AFTER AMENDMENT  TO CLAIMS REMAINING AFTER  | Minus   | Column HIGHES NUMBE PREVIOU  (Column HIGHES NUMBE PREVIOU  | ST<br>ER<br>JSLY<br>OR<br>CLAIM | PRESENT EXTRA   (Column 3).  PRESENT EXTRA  | A .    | PATE  XS 9=  X43= +145=  TOTAL DIT. FEE                                    | ADDI-<br>TIONAL<br>FEE  ADDI-<br>TIONAL<br>FEE | OR<br>OR       | RATE  X\$18=  X86=  +290=  TOTAL ODIT. FEE                                       | ADDI-<br>TIONAL<br>FEE |
| AMENOMENI C AMENOMENT                | Incependent FIRST PRESE Total Independent  | CLAIMS REMAINING AFTER AMENOMENT  TO CLAIMS REMAINING AFTER AMENOMENT  CLAIMS REMAINING AFTER AMENOMENT  | Minus  Minus  Minus   | (Column HIGHES NUMBE PREVIOUS PAID FO  | ST<br>ER<br>JSLY<br>OR<br>CLAIM | PRESENT EXTRA  (Column 3).  PRESENT EXTRA   |        | RATE  XS 9=  X43= +145= TOTAL POIT. FEE                                    | ADDI-<br>TIONAL<br>FEE                         | OR<br>OR<br>OR | RATE  X\$18=  X86= +290=  JOTAL DDIT. FEE  | ADDI-<br>TIONAL<br>FEE |
| AMENOMENI C AMENOMENT                | Incependent FIRST PRESE Total Independent  | CLAIMS REMAINING AFTER AMENDMENT  TO CLAIMS REMAINING AFTER AMENDMENT  | Minus  Minus  Minus   | (Column HIGHES NUMBE PREVIOUS PAID FO  | ST<br>ER<br>JSLY<br>OR<br>CLAIM | PRESENT EXTRA   (Column 3).  PRESENT EXTRA  | A .    | PATE  XS 9=  X43= +145=  TOTAL DIT. FEE  RATE  X\$ 9=  X43=                | ADDI-<br>TIONAL<br>FEE                         | OR<br>OR<br>OR | RATE  X\$18=  X86=  +290=  TOTAL ODIT. FEE  RATE  X\$18=  X\$18=  X\$6=          | ADDI-<br>TIONAL<br>FEE |
| AMENDMEN I C                         | Incependent FIRST PRESE Total Independent FIRST PRESE                                | CLAIMS REMAINING AFTER AMENDMENT  CLAIMS REMAINING AFTER AMENDMENT  MINIMALE  MINIMALE | Minus  LTIPLE DEF   | (Column HIGHES NUMBE PREVIOU PAID FO  (COLUMN HIGHES NUMBE PREVIOU PAID FO  *** PENDENT C  | ST<br>ER<br>JSLY<br>OR<br>CLAIM | PRESENT EXTRA  COlumn 3)  PRESENT EXTRA   | A      | PATE  XS 9=  X43= +145=  TOTAL POIT. FEE  X\$ 9=  X43=  145=  145=         | ADDI-<br>TIONAL<br>FEE                         | OR<br>OR<br>OR | RATE  X\$18=  X86= +290=  JOTAL DDIT. FEE  RATE  X\$18=  X\$6= +290=             | ADDI-<br>TIONAL<br>FEE |
| AMENDMENIC AMENDMENT                 | Incependent FIRST PRESE Independent FIRST PRESE the entry in column the "Highest Nur | CLAIMS REMAINING AFTER AMENOMENT  TO CLAIMS REMAINING AFTER AMENOMENT  CLAIMS REMAINING AFTER AMENOMENT  | Minus | (Column HIGHES NUMBE PREVIOU PAID FO  COLUMN HIG | ST<br>ER<br>JSLY<br>OR<br>LAIM  | PRESENT EXTRA   (Column 3)  PRESENT EXTRA   20, enter 20, 3, enter 3, 20, enter 3, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20 | AC ACI | RATE  XS 9=  X43= +145= TOTAL DOIT. FEE  X\$ 9=  X43=  145= TOTAL DIT. FEE | ADDI-<br>TIONAL<br>FEE                         | OR OR OR OR OR | RATE  X\$18=  X86=  +290=  TOTAL DDIT. FEE  X\$18=  X86=  +290=  TOTAL DDIT. FEE | ADDI-<br>TIONAL<br>FEE |